

Title (en)

IMPROVED PRE-TREATMENT PROCESS OF A SURFACE OF A METALLIC SUBSTRATE

Title (de)

VERBESSERTES VORBEHANDLUNGSVERFAHREN EINER OBERFLÄCHE EINES METALLISCHEN SUBSTRATS

Title (fr)

PROCÉDÉ DE PRÉTRAITEMENT AMÉLIORÉ D'UNE SURFACE D'UN SUBSTRAT MÉTALLIQUE

Publication

**EP 3684961 A1 20200729 (EN)**

Application

**EP 18773364 A 20180911**

Priority

- EP 17191877 A 20170919
- EP 2018074461 W 20180911

Abstract (en)

[origin: WO2019057555A1] Process for pre-treatment of a surface of a chromium containing corrosion resistant metallic substrate prior to further processing, wherein the metallic substrate is brought into contact with an in-situ generated activating agent, being the thermal decomposition product of a hydrofluoroolefin, the substrate and the activating agent are heated, and optionally the activating agent is partly or entirely removed before further processing.

IPC 8 full level

**C23C 8/02** (2006.01); **C23G 5/00** (2006.01)

CPC (source: EP US)

**C23C 8/02** (2013.01 - EP US); **C23C 8/20** (2013.01 - US); **C23C 8/24** (2013.01 - US); **C23C 8/30** (2013.01 - US); **C23G 5/00** (2013.01 - EP)

Citation (search report)

See references of WO 2019057555A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019057555 A1 20190328**; CA 3075515 A1 20190328; DK 3684961 T3 20221121; EP 3684961 A1 20200729; EP 3684961 B1 20221102; PL 3684961 T3 20230227; TW 201930620 A 20190801; US 11492693 B2 20221108; US 2021123125 A1 20210429

DOCDB simple family (application)

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